



KAISER ♦ HILL  
COMPANY

## MEMORANDUM

Date: July 30, 2001  
To: Jan Robbins  
From: Pam Arnold  
Subject: WEEKLY STATUS MEETING DOE/LRA for July 30, 2001

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Attached are the minutes for the referenced weekly meeting for the Operating Record.



ADMIN RECORD

B371-A-000043

1/10  
DOCUMENT CLASSIFICATION  
REVIEW WAIVER PER  
CLASSIFICATION OFFICE

# **B371 CLOSURE PROJECT**

## **WEEKLY STATUS MEETING**

*Every Monday, 9:00 a.m.*

*B371 Conference Room*

**July 30, 2001**

## **AGENDA**

**INTRODUCTION** — *Pam Arnold, X6035, Pager 303-212-4835*

### **D&D**

**Presenters** — *John Wrapp, X5883, Pager 303-212-6074/Joe Majestic, X7811, Pager 303-212-1958*

- Liquids Draining
- Tank Deactivation
- Glovebox Deactivation
- CSV Deactivation
- Set 16 Deactivation
- Special Projects
- *Cerium Nitrate*
- *MAA/PA Closure*

**Presenter** — *Barry Gustafson, X3292, Pager 303-212-5290*

- Special Projects
- *North Side Cleanup*
- *Remote Dismantlement Chamber*
- *Breathing Air*
- Sets 7, 18, 24, 30 and 56 Status

**ENVIRONMENTAL** — *Pam Arnold, X6035, Pager 303-212-4835*

**WASTE MANAGEMENT** — *Laurie Gregory-Frost, X3681, Pager 303-212-1980*

**AUTHORIZATION BASIS/BIO** — *John Almon x217, Pager 303-212-3426*

## **D&D Summary (AAC)**

**Week Ending 7/27/01**

### **Non-actinide Liquid Draining**

**KH Target Finish: 9/28/00**

**Current Early Finish: 10/13/01**

**SV: -243 days**

- CWTS processing continued during the week of 7/23.
- Set 4B (1117) draining is expected to start the week of 7/30. Fixatives will be used to facilitate most liquid draining in PAPR rather than breathing air. (1AQ31DR04B)
- Set 4A (1115/1103) draining will not run in parallel with Set 4B. Engineering changes would be required. (1AQ31DR04A)
- Set 2B (rebaselined Set 6) entry to complete hanging of tags, and IWCP completion are TBD to support higher priority work. (1AQ31DR02B)

### **Tanks**

**KH Target Finish: 9/24/03**

**Current Early Finish: 11/04/03**

**SV: -26 days**

- Set 5 (3573, 8 tanks) Fifteen breathing air entries have been completed. Thirty-six drums of rings have been removed from D-134C and D-134 B. Work has re-started following the completion of corrective actions from the unauthorized valve manipulation and high SGL occurrences. Re-start DAC was less than 100.
- TMR contract is now being worked. Team visits are scheduled weekly. (1AC105ET00)
- Sets 3 (3517), line isolation engineering/planning is complete. (1AC103AT00)
- Set 13 (2307/2317/2319) line isolation and raschig ring removal engineering/planning are complete. (1AC113AT00)
- Set 5 cerium decon package is 90% complete
- Sets 3 and 4 electrical isolations, which are predecessor activities to line isolations have started.

### **Gloveboxes**

**KH Target Finish: 7/30/03**

**Current Early Finish: 10/17/03**

**SV: -50 days**

- Set 23 (3321/3323/3325) is 90% complete. All GB's returned to service, cleaned, and scanned. No SNM holdup removal required. Two transfer pumps may contain free liquid. Engineering has begun for pump oil draining (1AC123EG00).
- Set 24 (3408) is 90% complete. The work package to disposition the high radiation items was completed and work re-started 7/24. Estimated completion is 7/31.
- Set 7 (3305) is 70% complete. Physical isolation of pumps is 80% complete. Draining has started and is 70% complete. All GB36 furnace gear reducers have been removed and are awaiting scans prior to draining. Lack of scan team support has delayed draining. (1AC107EG00)
- Set 14 (2325) is 20% complete. Resources limited by work in 3408. (1AC114EG00)

## CSV

**KH Target Finish: 2/13/03**

**Current Early Finish: 6/30/03**

**SV: -86 days**

- The I/O 8 wall is complete and ready for delivery 7/30. The transfer tunnel is being painted and will be pressure tested and delivered the week of 7/30. The GB 69 crate drop will be pressure tested and be shipped to Air & Hydraulic Equipment the week of 7/30. The tilt table has been painted, and will be tested and delivered the week of 7/30. The I/O8 mechanical system is expected to be awarded to Premier during the week of 7/30. Permacon design is final and a Statement of Work was submitted to Procurement 7/26. (IAC109AD01)
- Guillotine door ram replacement will start after the GB 68 modifications are complete.
- Sprinkler installation package is ready to work. Maintenance is planning to perform work on the AWS weekend of 8/3.
- GB 68 modification is started. Lead has been removed. An unexpected closing of the GB 70 guillotine door has delayed breaching the box until 7/31.
- IWCP Planning Status:
  - I/O8 modification package is 90% complete. Significant modifications required to ventilate the I/O with the CSV blocked.
  - Guillotine door switch relocation package is in signature approval. The safety screen will be complete 7/31.
  - GB 69 modification package is in final approval.
- Permacon installation package is 50% complete. (AC109AD00)

## Set 16/17 (Canyon)

**KH Target Finish: 6/15/01**

**Current Early Finish: 7/26/01**

**SV: -26 days**

- Oil draining, Fluorinert liquid sampling, and line generated waste disposal are complete in both Sets. Canyon deactivation is complete. (IAC116EN00) (AC117EN00)

## Special Projects

### **Cerium Nitrate**

- CeN decontamination procedure has been signed and is awaiting a safety screen.
- Internal management review to be performed prior to hot startup.

### **MAA/PA Closure**

- First draft of closure plan started and 40% complete. (AC11PNM20)
- The fifth integration planning meeting was held 7/26.
- The 771 closure project is currently projecting all oxides and fluorides will be shipped to B371 for processing prior to residue and PuSPS closure dates, with the exception of plenum FU2B.
- The RISS project and the 559 closure project do not foresee a need for B371 processing or storage.
- Metal holdup in 707 and 777, and final shipments from 371 are the activities that will drive MAA/PA closure.

**D&D Summary (AAD)**  
**Week Ending 7/27/01**

**Special Projects:**

Work continues on three special projects in support of D&D activities.

- “North Side Clean-up: RCTS continue taking surveys of the tanks, concrete and other components. We will recycle the concrete when removed from the berm and structures. Characterization of the constituents, (lead paint, asbestos and water treatment chemicals, etc), is on-going. The D&D Isolation crew will begin isolation of electrical, and piping in late July and continue into August. Planning and engineering is ongoing to support the isolation and demolition activities. Limited demolition of SSCs which do not require system isolation will begin upon completion of a work package.
- RDC (ITC) The specification and statement of work are in the procurement department and will be issued to interested bidders in compliance with site’s procurement procedures. Dates for the distribution are to be determined. (IAD11SRK10), (IAD11SRK20), (IAD11SRK30) Work to clear operating space for the RDC is proceeding in room 3801 (set 56) as components are available.
- IWCP work package for Breathing Air System upgrades are approved. Preliminary work, including conduit installation, pipe fabrication and core drilling, is on going. We continue to investigate the optimum time to take the breathing air system out of service to perform the modification. In addition we are working on plans to install the new equipment on short shutdowns to minimize downtime of the system. (AD11BAJ10), (IAD11BAJ20), (IAD11BAJ30), (IAD11BAJ40). With the breathing air needs in the CSV, we will not take the existing system out of service until early December. Our planning and scheduling group is researching the impact to other activities if we delay completion of the larger BA system.

General: Planning and engineering on the next series of sets scheduled for D&D has started. The sets are 3, 4, 5 and 57. Details by set will be available as planning and engineering progresses and scope documents are prepared.

**Set 7: Rooms 3301, 3303, 3305**

**KH Target Finish: 10/01/02**

**Current Early Finish: 9/30/02**

**SV: 1 day**

- Technical support planning and engineering continues for development of standard work packages to remove gloveboxes 36,37,38 and 75.
- Electrical and Mechanical Isolation Work Packages have been given to D&D production/operations for execution.
- Removal of loose equipment will continue into the next reporting period. (IAD107BD00). We have drained the glove port covers and are preparing to drain glove box water walls and sections of piping prior to isolation.
- Crated glove boxes: expect to start this activity this week. After a determination is made regarding the contents we will develop a plan for disposition.

**Set 18: Rooms 3801, (north portion), 3805**

**KH Target Finish: 9/10/01**

**Current Early Finish: 3/26/02**

**SV: -124 days**

- A Recovery Plan is in the process of development and will be implemented upon actual termination of operations. Preliminary efforts included a phased approach to isolate and remove equipment that is not required for facility operation. This includes tanks 816, 817, 818, 819 and associated equipment. (1AD118AD00) We are focusing management attention to the closure of tanks in the area to allow D&D to begin. We expect set 18 phase one to be released in early August and phase two in early January.

**Set 24: Rooms 3402, 3404A, 3404, 3406, 3408**

**KH Target Finish: 9/25/01**

**Current Early Finish: 1/25/02**

**SV: -75 days**

Schedule recovery will be realized when D&D of glovebox is commenced. Current impacts are chemicals remaining in room 3408 and in one glove box. Work groups responsible for disposition of these chemicals and standards are planning to remove them this week. (1AD124AD00)

- D&D crews have isolated and removed equipment declared OOC, available for disposition. (1AD124BD00)
- Loose equipment removal has progressed as far as possible until additional components are available. (1AD124AD00)
- Work Packages to remove external lead and remove the glove boxes are in the final signature process. (1AD124AD00)
- We reviewed and revised the schedule for decommissioning work based on current predicted start dates and work plans. Several days of negative schedule variance were removed by the logic changes. Additional negative variance will be removed as activities are worked in parallel, where it is safe to do.
- A presentation to the JET was made on Friday 7/27. A determination on the required type of readiness review is expected in the near future.

**Set 30: Room 3701, Cold Glove Box**

**KH Target Finish: 8/05/02**

**Actual Finish: 7/14/01**

**SV: 236 days**

The Glove box has been removed. Anchor bolt protrusion grinding was completed and we painted the floor on Saturday 7/28.

**Set 56: Room 3801, (south portion)**

**KH Target Finish: 9/10/01**

**Current Early Finish: 12/31/01**

**SV: -78 days**

- Recovery plans are in process of development and will be implemented when tank deactivation is completed. D&D workers are supplementing the operations staff and assisting with draining of the remaining tanks. Draining, photographing and documentation of tanks is expected to be completed by mid-August. D&D work will begin at that time.

**ENVIRONMENTAL STATUS**  
**REGULATED UNITS**

SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
4	N/A	Tanks: D133, D150, D151, D152A, D152B Ancillary Equipment: Evaporator-reboiler E-55, Evaporator Bottoms Cooler E-56, Condenser E-57, and Nitric Acid Feed Heat Exchanger E-62.	MRT	3571	
		Evaporator Bottoms Pump 31-18 P49A	IE: 0079	3571	
		Evaporator Bottoms Pump 31-18 P49B	IE: 0080	3571	
		Pumps 33 A&B, 34 A&B	IE: 0109	3571	
5	N/A	Tanks: D134A, D134B D134C, D135A, D135B, D289A, D289B, and D289C.	MRT	3573	
7	N/A	Container Storage - Room	371.1A	3301	
	N/A	Mixed Residue Tank - Ancillary Equipment only	N/A	3303	
	N/A	Container Storage - Room	371.1A	3305	
	N/A	Pumps: P171, P172, P173, P174, P175, P176, P177, P178, P179, P180	3710122	3305	
	N/A	Mixed Residue Tank - Ancillary Equipment only	N/A	3305	
		Pumps: P171 through P180 (10 pumps)	IE: 0122	3305	
	N/A	Container Storage - Room	371.1A	3315	
	N/A	GB Storage - GB#32	371.1B	3315	
14	N/A	Container Storage - Room	371.1A	2325	
18	N/A	Tanks: D816, D817, D818, D819, D820, D821, D822, D823, D826A, D826B, D826C.	374.3	3801	Tanks D883A/B have been declared RCRA Stable and transferred to D&D
	N/A	See Set 19 also			
	N/A	Tanks: D827, D830, D832, D834, D876, D879, T802, T803, T804, T805.	374.3	3810/4814	

**ENVIRONMENTAL STATUS**  
**REGULATED UNITS**

SET	AREA	RCRA UNIT DESCRIPTION	Unit #/Idle Equip. #	LOCATION	STATUS
19	N/A	Tanks: D802A, B, C, D804A, B, C, D, D811A, B, D843, D852, D875, D847, D851.	374.3	2804	
18/19	N/A	Tanks: D806, D807A & B, D808, D843, D942.	374.3	2804/3801	
19		Tanks: D801A, B, & C, D826C, D878, D883A & B, D884,	374.3	2804/3801/ 3803/3805/ 3809/3810/ 4802/4812	
19		Spray Chamber W803, Spray Dryer Baghouse FL803	374.3	2804/3801/ 3803/3805/ 3809/3810/ 4802/4812	
19/21		Tanks: D824A & B, DD825 A & B, D844 A & B, D848	374.3	2804/3801/ 3803/3805/ 4805/4807	
		Drum Filter Basins: FL802A & B, Sludge Dryer: W801, Dry Sludge Hopper: H3, Dry Sludge Conveyors: CV813A & B	374.3	2804/3801/ 3803/3805/ 4805/4807	
		See Set 21 also			
24	N/A	GB Storage - GB's 72B and 72C	371.1B	3408	
	N/A	Mixed Residue Tank - Ancillary Equipment	N/A	3408	
56	N/A	Tanks: D806 and D807A/B, 808, 812, 813, 814, 815, Polishing Filter FL831	374.3	3801	Tanks D807A/B have been declared RCRA Stable and transferred to D&D.
	N/A	GB Storage - GB's 107 and 113	374.3	3801	
58	N/A	Tanks: D825A, D825B, D844A, D844B, D848	374.3	3803/4805/ 4807	Tanks: 825A, D825B, D844A, D844B, D848 have been declared RCRA Stable and transferred to D&D.
	N/A	Ancillary Equipment: FL802A, FL802B, W801, H3, CV813A, CB813B, CV808, CV812, CV813A/B, CV816, W801, H3, FL802A/B, T807, E804A/B/C, E817A/B, P806A/B, P815A/B, P816A/B, P862A/B.	374.3	3803/4805/ 4807	
	N/A	GB Treatment: GB's 115 AB, 116AB, 117AB, 118 AB.	374.3	3803/4805/ 4807	

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# **Waste Management Summary**

Status for Two Weeks Ending 07-27-01

## **Status of Remediation Waste Procedure and Training**

- The DRAFT Management Requirements for Remediation Waste, 371/374 Closure Project procedure: Received comments from CDPHE. Comment resolution in-progress
- Remediation Waste Training: Developing formal training based on draft procedure. Target audience identified by name.

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# **Basis for Interim Operations (BIO)**

**Week Ending 07/27/01**

## **BIO Revision 5, Annual Update**

- Approval received from DOE RFFO July 17, 2001.
- Implementation is scheduled for August 13, 2001.

## **BIO Revision 6**

- Content and delivery date under review.

10/10